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CHAPTER 5

AMMUNITION AND EXPLOSIVES

0500 GENERAL. Nonnuclear missiles, rockets, ammunition, and explosives in Risk Categories I through IV will be stored as required by this chapter and chapter 3.

0501 STORAGE FACILITIES. See reference (b) for construction standards. Category III and IV A&E may be stored in prefabricated magazines (specified in Naval Facilities Engineering Services Center Technical Data Sheet 82-12) if operationally necessary. Structural upgrades to existing facilities must provide 10 minutes of forced entry delay; use MIL-HDBK-1013/1 to meet this requirement. (R)

a. IDS. Protect Category I and II storage facilities by IDS unless they are continuously manned or under constant surveillance (see chapter 3 and appendix F). IDS for Category III and IV storage facilities is optional.

b. Security Patrols. Storage facilities must be checked periodically by a security patrol as dictated by the threat, and the vulnerability of the facility. Conduct checks at irregular intervals during non-duty hours as dictated in appendix F. Category III and IV A&E storage areas that meet the requirements of this instruction and are equipped with IDS do not require security patrols. (A)

c. Ready For Issue (RFI) Storage. See chapter 3.

0502 FENCES. Category I and II A&E storage areas must be fenced following the specifications in reference (d), except for the differences specified below. New chain link fencing is not necessary for Category III and IV storage facilities unless determined necessary based on local threats, vulnerabilities, and cost-effectiveness. Clear zones will meet the specifications in OPNAVINST 5530.14C (reference (d)). (R)

a. Minimum fence height is 6 feet, 7 feet for new fencing.

b. In Europe, fencing may be NATO Standard Designed Fencing (2.5-3mm gauge, 76mm grid opening, 2-meter height and 3.76-meter post separation).

c. Fences will have the fewest number of gates needed. Secure unmanned gates with low security locks (see appendix G).

d. Building walls may be used as part of a perimeter barrier if they can be observed.

5 JUL 1994

f. The following exceptions to clear zone requirements, though not desirable, are allowed: perimeter light poles, fire hydrants, steam pipes, etc.; barricades for explosives safety purposes; and entry control buildings (which must not be usable by an intruder for concealment or as a climbing aid).

g. Installing large quantities of new fencing may not be cost-effective. A request for a permanent exception to fencing requirements may be appropriate in some circumstances; the following should be considered:

(1) If the installation outer perimeter is adequately fenced, or it can more cheaply be made adequate, fencing of inner AA&E storage areas may not be required.

(2) Natural barriers such as mountains, cliffs, rivers, seas, or other difficult-to-traverse terrain may substitute for some security fencing if they provide equivalent security.

Note: Within the Marine Corps, final determination on the adequacy of variations to standard fencing will be made by the waiver/exception approval authority.

0503 ACCESS CONTROL. Vehicle and personnel gates will be secured and strict key control accountability observed. A pass, badge, access roster, or sign in/out system for magazine areas will be used for properly identified, authorized personnel. Maintain entry records for a minimum of 90 days. Privately-owned vehicles are prohibited in ammunition and explosives storage areas; exceptions may be allowed at Navy sites only at the discretion of the commanding officer. General recreation within the restricted area of a magazine or storage area is prohibited, however, hunting and fishing for control of game populations or other wildlife controls (see NAVFAC P-73, Volume II (reference (1))) may be authorized by the commanding officer. Personnel access standards established by NAVSEA OP 5 (reference (m)) and this instruction must be enforced.

a. Security force surveillance of the restricted area will include checking property passes of vehicles entering or leaving. Guards will perform routine and/or random inspections of vehicles entering, within, or departing. Frequency and extent of vehicle inspections is left to the discretion of the commanding officer based on local threat assessment, vulnerability analysis, and operational commitments.

b. Unaccompanied access to magazines and other AA&E storage spaces will be limited to persons required for essential operations.

(1) The commanding officer must approve personnel with unescorted access into ammunition and explosives spaces. He or she may delegate authority to approve escorted visitors. A list must be maintained of persons authorized access to these areas.

5 JUL 1994

(2) Personnel assigned to escort others in ammunition and explosives spaces must themselves meet the requirements for unescorted entry to those spaces, to include being on the appropriate authorized access list.

0504 PROTECTION OF UNIT LEVEL STOCKS

a. Unit level stocks of arms and ammunition are those which are on hand for operational and training purposes. A typical storage facility would be a building used to store ammunition on a rifle range or a military police or guard operations room. Response force RFI arms and ammunition may be stored as described in chapter 3. See also the Unit Movements/Training section in chapter 7.

b. When operational or training considerations allow, store unit level stocks of ammunition and explosives in rooms or magazines that are equivalent to the structural standards prescribed in this chapter.

c. When operational or training considerations preclude such storage, store in or on combat vehicles, aircraft, small craft, or trailers, or in other configurations required by the operational environment (see appendix F).